



091913, 233.

Certified

TRANSMITTAL LETTER
(General - Patent Issued)Docket No.
19345-087835

Patentee(s) TRADENTCO et al.

U.S. Patent No.

6,848,161 B1

Issue Date

02/01/2005

Title: GASKET INSTALLATION APPARATUS

COMMISSIONER FOR PATENTS:

Transmitted herewith is:

Certificate of Correction; Return Post Card.

Certificate
MAR 03 2005
of Correction

- No additional fee is required.
- A check in the amount of _____ is attached.
- The Director is hereby authorized to charge and credit Deposit Account 50-1759 as described below.
- Charge the amount of \$100.00
- Credit any overpayment.
- Charge any additional fee required.
- Payment by credit card. Form PTO-2038 is attached.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Signature

Dated: 2/14/05

Robin W. Asher, Reg. No. 41,590

Clark Hill PLC

500 Woodward Ave., Suite 3500

Detroit, MI 48226-3435

02/15/2005 FMETEK12 00000009 501759 6848161

01 FC:1811 100.00 DA

Customer No.: 28886

CC:

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

2/22/05

(Date)

Signature of Person Mailing Correspondence

Dena Cook

Typed or Printed Name of Person Mailing Correspondence

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : US 6,848,161 B1

Page 1 of 2

DATED : 02/01/2005

INVENTOR(S) : Folino et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, Line 4, [Dec. 10] should be Feb. 10.
 Column 1, Line 45, [SD] should be so.
 Column 1, Line 48, after "gasket" and before "v)", insert all of page 2 of the specification of WO 00/47364 (attached)*.
 Column 4, Line 8, between "11°" and "about 22°", insert --to--.
 Column 5, Line 45, [plat] should be platen.
 Column 6, Claim 1, Line 34, [apart] should be a part.
 Column 7, Claim 10, Line 34, [bold] should be hold.
 Column 7, Claim 12, Line 51, [claim 1] should be claim 11.
 Column 1, Line 52, insert:

U.S. Pat. No. 5,634,644 employs a two part elastomeric gasket whereby the mating metal part is subjected to induction heating and one section of the gasket is melted and glued into place. Disadvantages to this approach include the need for additional induction heating apparatus, and the requirement of a complicated gasket design whereby the two gasket sections have different compositions but complementary shapes that snap fit together.

Similarly, U.S. Pat. No. 5,513,855 also employs a multi-section gasket, but with a far more complicated design, with three metal plates sandwiched together with engaging tabs that bend against a dowel or bolt when the gasket is placed on an engine cylinder block. U.S. Pat. No. 4,783,087 employs an insert with deformable tabs that engage the gasket. U.S. Pat. No. 4,730,836 also uses an insert with barbs that deform when a retaining bolt is tightened. All of these designs require complicated gasket designs with deformable metal or plastic tabs that frictionally engage an engine part, and are not applicable to the installation of simple elastomeric gaskets into an endless channel prior to final assembly of mating parts.

Summary of Invention

A method is provided for applying an elastomeric gasket to a part having a channel extending into a face thereof for receiving and at least frictionally engaging said gasket, said method comprising the steps of:

- i) obtaining a gasket carried having a convexly curved surface with a groove for receiving a base of said gasket, said groove being registerable with said channel;
- ii) placing said base of said gasket in said groove;
- iii) juxtaposing said face of said part and said gasket carrier with said gasket aligned with said channel;
- iv) moving said part and said gasket carrier toward each other for a portion of said gasket to enter said channel;

MAILING ADDRESS OF SENDER: Robin W. Asher, Reg. No. 41,590
 Clark Hill PLC
 500 Woodward Ave., Suite 3500
 Detroit, MI 48226-3435

PATENT NO. US 6,848,161 B1

No. of additional copies



MAR 04 2005

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : US 6,848,161 B1

Page 2 of 2

DATED : 02/01/2005

INVENTOR(S) : Folino et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- v) causing a relative rocking movement between said part and said gasket carrier to transfer a remainder of said gasket to said channel; and,
- vi) separating said part and said gasket carrier.

According to one embodiment of the present invention, the part may be held stationary in step iv) and the arched surface with the gasket thereon moved toward the part and in step v), the part may be held stationary and the relative rocking movement carried out by the gasket carrier.

MAILING ADDRESS OF SENDER:

PATENT NO. US 6,848,161 B1

No. of additional copies



MAR 04 2005